Claims 1-14, 16-17, 20-27 and 29-42 remain in the Application as follows:

1. **(Currently Amended)** A programming interface embodied on one or more computer-readable storage media, comprising:

a first group of services related to re-usable user interface controls, the first group of services including a control that allows preview images of items to be displayed;

a second group of services related to user interface dialogs and user interface wizards, the second group of services including a first dialog to allow files and folders to be opened and saved;

a third group of services related to extending the user interface functionality, the third group of services including functionality to allow identification of application-defined thumbnails; and

a fourth group of services related to extending functionality of a desktop of the user interface, the fourth group of services including functionality to allow a sidebar to be displayed on the desktop, wherein the first and second and third and fourth groups of services are defined by respective namespaces of the programming interface.

2.   **(Currently Amended)**   A programming interface as recited in claim 1, wherein the first group of services includes:

a first control that encapsulates a storage user experience;

a second control that allows an item to be displayed in an application-defined manner;

a third control that allows items to be added to a sidebar of the desktop; and

a fourth control that allows items to be added to a list.; and

~~a fifth control that allows preview images of items to be displayed.~~

3.   **(Currently Amended)**   A programming interface as recited in claim 1, wherein the second group of services includes:

~~a first dialog to allow files and folders to be opened and saved;~~

a first wizard to allow optical discs to be written to; and

a second wizard to facilitate sending images by electronic mail.

4.   **(Currently Amended)**   A programming interface as recited in claim 1, wherein the third group of services includes:

a first functionality to allow additions to context menus; and

~~a second functionality to allow identification of application-defined thumbnails; and~~

a ~~third~~ second functionality to allow calculations to be performed when displaying information regarding one or more files or folders.

5.   **(Currently Amended)**   A programming interface as recited in claim 1, wherein the fourth group of services includes:

~~a first functionality to allow a sidebar to be displayed on the desktop; and~~

~~a second~~ functionality to allow application-defined notifications to be displayed on the desktop.

6.   **(Currently Amended)**   A system <u>implemented by way of one or more computers,</u> comprising:

means for exposing a first set of functions that enable re-usable controls of a user interface;

means for exposing a second set of functions that enable re-usable dialogs of the user interface and re-usable wizards of the user interface; and

means for exposing a third set of functions that enable extending functionality of a desktop of the user interface, <u>wherein the means for exposing the first set of functions including means for exposing one or more functions that allow items to be added to a sidebar of the desktop.</u>

7.   **(Original)**   A system as recited in claim 6, further comprising:

means for exposing a fourth set of functions that enable extending functionality of the user interface.

8.   **(Original)**   A system as recited in claim 7, wherein the means for exposing the fourth set of functions comprises:

means for exposing one or more functions to allow additions to context menus;

means for exposing one or more functions to allow identification of application-defined thumbnails; and

means for exposing one or more functions to allow calculations to be performed when displaying information regarding one or more files or folders.

9.   **(Currently Amended)**   A system as recited in claim 6, wherein the means for exposing the first set of functions comprises:

means for exposing one or more functions that encapsulate a storage user experience;

means for exposing one or more functions that allow an item to be displayed in an application-defined manner;

~~means for exposing one or more functions that allow items to be added to a sidebar of the desktop;~~

means for exposing one or more functions that allow items to be added to a list; and

means for exposing one or more functions that allow preview images of items to be displayed.

10. **(Original)** A system as recited in claim 6, wherein the means for exposing the second set of functions comprises:

means for exposing one or more functions that allow files and folders to be opened and saved;

means for exposing one or more functions that allow optical discs to be written to; and

means for exposing one or more functions that allow images to be sent by electronic mail to be re-sized.

11. **(Original)** A system as recited in claim 6, wherein the means for exposing the third set of functions comprises:

means for exposing one or more functions that allow a sidebar to be displayed on the desktop; and

means for exposing one or more functions that allow application-defined notifications to be displayed on the desktop.

12.   **(Currently Amended)**   A method <u>implemented by way of one or more computers</u> of organizing a set of types for a user interface into a hierarchical namespace comprising:

creating a plurality of groups from the set of types, each group containing at least one type that exposes logically related functionality;

assigning a name to each group in the plurality, wherein one of the groups in the plurality includes functionality related to re-useable user interface controls, and wherein another of the groups in the plurality includes functionality related to re-useable user interface dialogs and re-useable user interface wizards<u>, and wherein yet another of the groups of the plurality includes functionality to allow application identification of thumbnails</u>; and

selecting a top level identifier and prefixing the name of each group with the top level identifier so that the types in each group are referenced by a hierarchical name that includes the selected top level identifier prefixed to the name of the group containing the type.

13.   **(Original)**   A method as recited in claim 12, wherein yet another of the groups in the plurality includes functionality related to extending user interface functionality.

**14.   (Currently Amended)   ** A method as recited in claim 13, wherein the functionality related to extending user interface functionality comprises:

a first functionality to allow additions to context menus; <u>and</u>

~~a second functionality to allow application-identification of thumbnails; and~~

a ~~third~~ <u>second</u> functionality to allow calculations to be performed when displaying information regarding one or more files or folders.

15.   (Cancelled).

**16.   (Original)   ** A method as recited in claim 12, wherein yet another of the groups in the plurality includes functionality related to extending functionality of a user interface desktop.

**17.   (Original)   ** A method as recited in claim 16, wherein the functionality related to extending functionality of a user interface desktop comprises:

a first functionality to allow a sidebar to be displayed on the desktop; and

a second functionality to allow application-defined notifications to be displayed on the desktop.

18-19. (Cancelled).

20.   (Original)   A method as recited in claim 12, wherein the functionality related to re-useable user interface controls comprises:

a first control that encapsulates a storage user experience;

a second control that allows an item to be displayed in an application-defined manner;

a third control that allows items to be added to a list; and

a fourth control that allows preview images of items to be displayed.

21.   (Original)   A method as recited in claim 12, wherein the functionality related to re-useable user interface dialogs and re-useable user interface wizards comprises:

a first dialog to allow files and folders to be opened and saved;

a first wizard to allow optical discs to be written to; and

a second wizard to facilitate sending images by electronic mail.

22.   (Currently Amended)   A method <u>implemented by way of one or more computers</u>, comprising:

creating a first namespace with functions that enable extending functionality of a user interface<u>, the first namespace including functionality to allow calculations to be performed when displaying information regarding one or more files or folders</u>; and

creating a second namespace with functions that enable extending functionality of a desktop of the user interface<u>, the second namespace including:</u>

<u>a first functionality to allow a sidebar to be displayed on the desktop; and</u>

<u>a second functionality to allow application-defined notifications to be displayed on the desktop.</u>

23.   (Original)   A method as recited in claim 22, further comprising:

creating a third namespace with functions that enable re-usable user interface controls.

24. **(Original)** A method as recited in claim 23, wherein the third namespace includes:

a first control that encapsulates a storage user experience;

a second control that allows an item to be displayed in an application-defined manner;

a third control that allows items to be added to a sidebar of the desktop;

a fourth control that allows items to be added to a list; and

a fifth control that allows preview images of items to be displayed.

25. **(Original)** A method as recited in claim 22, further comprising:

creating a third namespace with functions that enable user interface dialogs and user interface wizards;

26. **(Original)** A method as recited in claim 25, wherein the third namespace includes:

a first dialog to allow files and folders to be opened and saved;

a first wizard to allow optical discs to be written to; and

a second wizard to facilitate sending images by electronic mail.

27. **(Original)** A method as recited in claim 22, wherein the first namespace includes:

a first functionality to allow additions to context menus;

a second functionality to allow identification of application-defined thumbnails; and

a third functionality to allow calculations to be performed when displaying information regarding one or more files or folders.

28. **(Cancelled).**

29. **(Currently Amended)** A method implemented by way of one or more computers, comprising:

calling one or more first functions to use controls of a user interface; and

calling one or more second functions to extend functionality of the user interface, including one or more second functions to allow identification of application-defined thumbnails.

30. **(Original)** A method as recited in claim 29, further comprising:

calling one or more third functions to extend functionality of a desktop of the user interface.

31. (Original) A method as recited in claim 30, wherein the functions to extend functionality of the desktop include:

one or more functions to allow a sidebar to be displayed on the desktop; and

one or more functions to allow application-defined notifications to be displayed on the desktop.

32. (Original) A method as recited in claim 29, further comprising:

calling one or more third functions to use dialogs and wizards of the user interface.

33. (Original) A method as recited in claim 32, wherein the functions to use dialogs and wizards of the user interface include:

one or more functions to use a dialog to allow files and folders to be opened and saved;

one or more functions to use a wizard to allow optical discs to be written to; and

one or more functions to use another wizard to facilitate sending images by electronic mail.

34.   **(Original)**   A method as recited in claim 29, wherein the functions to use controls of the user interface include:

one or more functions that encapsulate a storage user experience;

one or more functions that allow an item to be displayed in an application-defined manner;

one or more functions that allow items to be added to a list; and

one or more functions that allow preview images of items to be displayed.

35.   **(Currently Amended)**   A method as recited in claim 29, wherein the functions to extend functionality of the user interface include:

one or more functions to allow additions to context menus; and

~~one or more functions to allow identification of application-defined thumbnails; and~~

one or more functions to allow calculations to be performed when displaying information regarding one or more files or folders.

36.   (Currently Amended)   A method <u>implemented by way of one or more computers</u>, comprising:

receiving one or more calls to one or more first functions to use controls of a user interface; and

receiving one or more calls to one or more second functions to extend functionality of a desktop of the user interface<u>, wherein the first functions to use controls of the user interface include one or more functions that allow items to be added to a sidebar of the desktop, and wherein the second functions to extend functionality of a user interface include one or more functions to allow calculations to be performed when displaying information regarding one or more files or folders.</u>

37.   (Original)   A method as recited in claim 36, further comprising:

receiving one or more calls to one or more third functions to extend functionality of the user interface.

38.   (Currently Amended)   A method as recited in claim 37, wherein the functions to extend functionality of the user interface include:

one or more functions to allow additions to context menus; <u>and</u>

one or more functions to allow identification of application-defined thumbnails.<u>;</u> ~~and~~

~~one or more functions to allow calculations to be performed when displaying information regarding one or more files or folders.~~

39.   (Original)   A method as recited in claim 36, further comprising:

receiving one or more calls to one or more third functions to use dialogs and wizards of the user interface.

40.   (Original)   A method as recited in claim 39, wherein the functions to use dialogs and wizards of the user interface include:

one or more functions to use a dialog to allow files and folders to be opened and saved;

one or more functions to use a wizard to allow optical discs to be written to; and

one or more functions to use another wizard to facilitate sending images by electronic mail.

41.   (Currently Amended)   A method as recited in claim 36, wherein the functions to use controls of the user interface include:

one or more functions that encapsulate a storage user experience;

one or more functions that allow an item to be displayed in an application-defined manner;

~~one or more functions that allow items to be added to a sidebar of the desktop;~~

one or more functions that allow items to be added to a list; and

one or more functions that allow preview images of items to be displayed.

42. **(Original)** A method as recited in claim 36, wherein the functions to extend functionality of the desktop include:

one or more functions to allow a sidebar to be displayed on the desktop; and

one or more functions to allow application-defined notifications to be displayed on the desktop.